IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Video Projector
Manufacturer:	projectiondesign
Firmware Version:	001-0175-10
Model(s):	evo20sx+, evo22sx+, F20 720, F20 sx+ new edition, F20 medical, cineo 20, F22 WUXGA, F22 1080, F22 SX+.

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
8	8/18/11	1.4.0	3.2.0	Added Operation Hour.
7	1/26/11	1.4.0	3.0.4	Added Medical and Menu Call commands.
6	10/16/09	1.4.0	3.0.1	Added models F22 WUXGA, F22 1080, F22 SX+.
5	10/1/09	1.4.0	3.0.1	Added Source Scan.
4	08/13/09	1.3.11.1	3.0	Added model evo22sx+. Added Serial Number status. Added MLC62 support.
3	12/15/08	1.3.11.1	2.5.0	Extron Certified. Added models F20 720, F20 sx+ new edition, F20 medical, and cineo 20.
2	11/24/08	1.3.11.1	2.4.1	Extron Certified. Tested on evo20sx+.
1	10/13/08	1.3.11.1	2.4.1	Initial version.

Driver Notes:

This driver only works with firmware version 001-0175-10 or newer. Please contact the manufacture for the latest firmware.

Control Commands & States:

Aspect Ratio	1:1	Fill All	Fill Aspect Ratio
	16:9	4:3	Letterbox st to 16:9
	Letterbox to 16:9		
Auto Image	Execute		
Freeze	On	Off	
Input	VGA	DVI	S-Video
	Composite Video	Component	RGB Video
	HDMI		
Lamp Mode	Eco	Normal	
Medical	Off	Clearbase	Bluebase
	Full White		
Menu Call	Menu	Up	Down
	Left	Right	OK
Power	On	Off	
Source Scan	On	Off	
Video Mute	On	Off	

Status Available:

Aspect Ratio	1:1	Fill All	Fill Aspect Ratio
	16:9	4:3	Letterbox st to 16:9
	Letterbox to 16:9		
Connection Status	Connected	Disconnected	
Device Status	Normal	Status Unavailable	Critical off
	Critical Powering Down		
Freeze	On	Off	
Input	VGA	DVI	S-Video
	Composite Video	Component	RGB Video
	HDMI		
Lamp Mode	Eco	Normal	
Lamp Usage	Hours		
Operation Hours	Hours		
Power	On	Off	
Power Status	Status Unavailable	Warming Up	Cooling Down
	On	Off	
Serial Number*	8 Digit number		
Source Scan	On	Off	
Video Mute	On	Off	

*: If there are leading 0's, they will be cut off when displayed in GlobalViewer. All Serial Numbers are 8 digits long.

MLC62 Supported Commands :

Aspect Ratio	1:1	Fill All	Fill Aspect Ratio
	16:9	4:3	Letterbox st to 16:9
	Letterbox to 16:9		
Auto Image	Execute		
Freeze	On	Off	
Input	VGA	DVI	S-Video
	Composite Video	Component	RGB Video
	HDMI		
Lamp Mode	Eco	Normal	
Medical	Off	Clearbase	Bluebase
	Full White		
Menu Call	Menu	Up	Down
	Left	Right	OK
Power	On	Off	
Video Mute	On	Off	

Cable and Adapter Requirements:

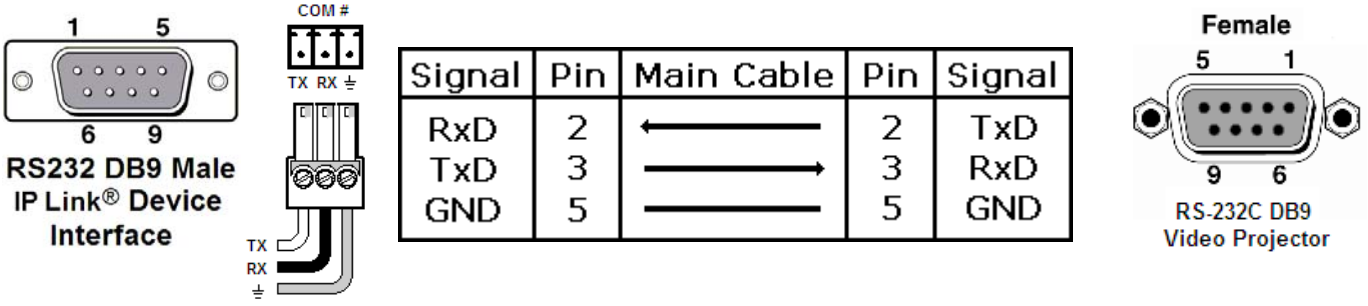
M/F RS-232 Straight Serial Cable (Extron Electronics P/N 26-433-XX)

Notes for the Device:

Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	19200	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram:



Signal	Pin	Main Cable	Pin	Signal
RxD	2	←	2	TxD
TxD	3	→	3	RxD
GND	5	—	5	GND

Note: Captive screw connector may also be used as a serial connection.

General Notes: